

## 510(K)Summary

NOV 30 2012

"This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR 807.92."

"The assigned 510(k) number is: K122893" (applicant leave blank)

### Premarket Notification [510(k)] Summary

**[(a)(1)]. The summary contains on the first page, preferably on your letterhead paper, the submitter's name, address, phone and fax numbers, name of contact person, and date the summary was prepared :**

Submitter's name : Geenli Plastic Co., Ltd.  
Submitter's address : #88, Xinchizhong Rd. Shijiazhang, 050000 China  
Phone number : (86) 0311-67699886  
Fax number : (86) 0311-67699916  
Name of contact person: Mr. Luo Fei  
Date the summary was prepared: Oct. 29, 12

**[(a)(2)]. The name of the device, including the trade or proprietary name if applicable, the common or usual name, and the classification name, if known**

Device Name: Powder Free Vinyl Patient Examination Gloves, Clear (non-colored)  
Proprietary/Trade name: Powder Free Vinyl Patient Examination Gloves  
Common Name: Patient examination glove  
Classification Name: Patient examination glove  
Device Classification: I  
Regulation Number: 21 CFR 880.6250  
Panel: General Hospital (80)  
Product Code: LYZ

**[(a)(3)]. An identification of the legally marketed device to which your firm is claiming substantial equivalence .**

Class I\* Powder Free Vinyl Patient Examination Gloves, Clear (non-colored) that meets all of the requirements of ASTM standard D 5250-06(Reaffirmation 2011).

Predicate device : FUGUAN (Brand) Powder-Free Vinyl Patient Examination Gloves, Shijiazhuang Fuguan Plastic Products Co., Ltd.. K032908 .

**[(a)(4)] A description of the device**

Device Description: Powder Free Vinyl Patient Examination Gloves, Clear (non-colored)that meets all of the requirements of ASTM standard D 5250-06(Reaffirmation 2011).

**[(a)(5)] The summary describes the intended use of the device**

**Device Intended Use:** Powder Free Vinyl Patient Examination Gloves, Clear (non-colored) is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner.

**[(a)(6)] A summary of the technological characteristics of new device compared to the predicate device.**

The powder free vinyl patient examination gloves, non sterile are summarized with the following technological characteristics compared to ASTM or equivalent standard.

Features & Description	Predicate Device	Medical Glove Guidance Manual(1661)	Subject Device	Result of Comparison
Company	Shijiazhuang Fuguan Plastic Products Co., Ltd.. K032908 .		Geenli Plastic Co., Ltd.	--
Product name	Powder Free Vinyl Patient Examination Gloves, Clear (non-colored)		Powder Free Vinyl Patient Examination Gloves, Clear (non-colored)	--
Intend for use	Powder Free Vinyl Patient Examination Gloves, Clear (non-colored) is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner.	Powder-Free Examination Gloves: A powder-free patient examination glove is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner.	Powder Free Vinyl Patient Examination Gloves, Clear (non-colored) is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner.	Substantially equivalent
Device Description and Specifications	Meets ASTM D5250	If vinyl: Do the vinyl examination gloves meet all the current specifications listed under ASTM Specification D5250 or an equivalent consensus standard?	Meets ASTM D5250	Substantially equivalent
Compare all materials used to fabricate the	PVC	If the glove is made of a polymer or other	PVC	Substantially equivalent

devices		type of material. identify the material.		
Dusting or Donning Powder:	PU	If a donning lubricant is used, state the composition and include biocompatibility data for the lubricant in an identified attachment; also state the name, manufacturer, and address below	PU	Substantially equivalent
Dusting or Donning Powder: name	PU	Lubricant Generic Name/ Lubricant Brand Name	Surface Coating Agent	Substantially equivalent
Compare product specifications	Meets ASTM D5250	We recommend you certify that your finished "powder-free" gloves meet the following: ASTM D 5250 standard or an equivalent standard for vinyl	Meets ASTM D5250	Substantially equivalent
Compare performance data supporting substantial equivalence	Meets ASTM D5151 ASTM D5250 ASTM D6124	At this time FDA recognizes the following standards: Patient Examination Gloves(PVC) ASTM D5151(Detection of Holes in Medical Gloves) ASTM D6124(Residual Powder on Medical Gloves) ASTM D5250(Poly(vinyl chloride) Gloves)	Meets ASTM D5151 ASTM D5250 ASTM D6124	Substantially equivalent
Single Patient Use	Single Patient Use	Single Patient Use	Single Patient Use	Substantially equivalent
Biocompatibility	SKIN IRRITATION DERMAL and SENSITIZATION STUDIES Meets ISO 10993-10	SKIN IRRITATION DERMAL and SENSITIZATION STUDIES Meets ISO 10993-10	SKIN IRRITATION DERMAL and SENSITIZATION STUDIES Meets ISO 10993-10	Substantially equivalent
Labeling for the legally marketed device to which substantial	-Powder-Free -Patient Examination Glove -Single Use Only	Chapter 4	-Powder-Free -Patient Examination Glove -Single Use Only	Substantially equivalent

equivalence is claimed.	- Manufactured For: - Lot		- Manufactured For: - Lot	
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**[(b)(1)] A brief discussion of the non-clinical testing data that was submitted, referenced or relied on to demonstrate that the Subject Device is safe and effective, and whose performance meets the requirements of its pre-defined acceptance criteria and intended uses.**

Powder Free Vinyl Patient Examination Gloves, Clear (non-colored) meet requirements per ASTM D5250-06(Reaffirmation 2011), per ASTM D6124-06(Reaffirmation 2011), per 21 CFR 800.20 and ISO10993-10: 2006 third edition 2010-08-01., it is safe and effective, and its performance meets the requirements of its pre-defined acceptance criteria and intended uses.

**[(b)(2)] A brief discussion of the clinical submitted, reference, or relied on in the premarket notification submission for a determination of substantial equivalence .**

Clinical data is not needed for gloves or for most devices cleared by the 510(k) process.

**[(b)(3)] The conclusions drawn from the nonclinical and clinical tests that demonstrate that the device is as safe,as effective, and performed as well or better than the legally marketed device identified in (a)(3).**

It can be concluded that the Powder Free Vinyl Patient Examination Gloves meet the ASTM standard or equivalent standard and FDA requirements for waterleak test on pinhole AQL., meet labeling claims . It is as safe, as effective, and performed as well the legally marketed device identified in (a)(3).



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Center - WO66-G609  
Silver Spring, MD 20993-002

November 30, 2012

Geenli Plastic Company, Limited  
C/O Mr. Chu Xiaolan  
Room 1606 Building 1, Jianxiang Yuan No. 209  
Bei Si Huan Zhong Road, Haidian District  
Beijing, China 100083

Re: K122893

Trade/Device Name: Powder Free Vinyl Patient Examination Gloves,  
Clear (Non-Colored)

Regulation Number: 21 CFR 880.6250

Regulation Name: Patient Examination Glove

Regulatory Class: I

Product Code: LYZ

Dated: October 29, 2012

Received: November 1, 2012

Dear Mr. Xiaolan:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

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Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to

<http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,



Anthony D. Watson, B.S., M.S., M.B.A.  
Director  
Division of Anesthesiology, General Hospital,  
Infection Control and Dental Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

INDICATIONS FOR USE

Applicant: GEENLI PLASTIC CO., LTD

510(k) Number (if known): \* K122893

Device Name: Powder Free Vinyl Patient Examination Gloves, Clear (non-colored)

Indications For Use:

Powder free vinyl patient examination glove is a disposable device intended for medical purposes that is worn on the examiner's hand or finger to prevent contamination between patient and examiner.

Prescription Use \_\_\_\_\_  
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use   X    
(21 CFR 801 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Maria Cruz-fisher  
Digitally signed by Maria Cruz-fisher  
DN: c=US, o=U.S. Government, ou=HHS,  
ou=FDA, ou=People, cn=Maria Cruz-fisher,  
0.9.2342.19200300.100.1.1=2000576169  
Date: 2012.11.28 14:55:58 -0500  
(Division Sign-Off)  
Division of Anesthesiology, General Hospital  
Infection Control, Dental Devices

510(k) Number: \_\_\_\_\_